

Mohamed Abdulkadir

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EDUCATION

The Ohio State University

Columbus, Ohio

B.S. in Data Analytics, Computational Analytics (GPA 3.948)

Graduation Date: May 2026

- **Honors/Awards:** President's Award 2023, Dean's Award 2023, Alpha Lambda Honor Society, National Honor Society, Dean's Honors List Autumn 2022
- **Relevant Coursework:** Statistics & Probability for Data Analytics, Foundations I: Discrete Structures & Algorithms, Software II: Development & Design, Software I: Components, Programming Java, Calculus I & II

WORK EXPERIENCE

Centene Corporation

Remote

Incoming Data Analyst Intern

May 2024 - August 2024

NIFCO America Corporation

Canal Winchester, Ohio

Data Analyst Intern

October 2023 - Present

- Utilizing PowerBI to identify trends, patterns, and correlations in logistics data, allowing to make data-driven decisions resulting in a 15% increase in sales visibility.
- Working closely with sales, marketing, and operations teams to identify KPIs and metrics for analysis. Also, acting as a bridge between technical and non-technical stakeholders, translating complex data into easily understandable insights.
- Leveraging SQL to extract and analyze various data from the company's databases. Also, facilitating data integration by writing SQL queries and generating reports that provide valuable insights into sales trends, customer behavior, and product performance.

Fiverr

Remote

Freelance Data Analyst

March 2023 - Present

- Conducting thorough data analysis to determine relevant metrics and KPIs. Involving reviewing large data sets, identifying trends, and uncovering insights that could be used to inform beneficial decisions for clients.
- Collaborating with clients to understand their business needs and requirements ensuring the dashboards provided actionable insights.
- Designing and developing interactive dashboards using Tableau providing clients with valuable insights. After dashboards were developed, conducted thorough testing and quality assurance to ensure that they were accurate, reliable, and provided the insights that clients needed.

TECHNICAL PROJECTS

Truck Sales Exploratory Data Analysis | Python & PowerBI

- Developed Python scripts using libraries such as Pandas and Matplotlib to preprocess and visualize data, then integrated these scripts into Power BI as custom visualizations, enriching the dashboard with dynamic and interactive elements that offer users a comprehensive and visually appealing overview of key metrics and trends in the power industry.
- Employed Seaborn to generate advanced statistical visualizations including pair plots, heatmaps, and regression plots, facilitating deeper exploration of correlations between different features and enabling the identification of patterns and insights crucial for understanding factors influencing truck sales.

Airbnb Data Visualization | Excel, SQL, & Tableau

- Utilizing Excel to clean and manipulate Airbnb data (removing duplicates, blank spaces and more), filtering/sorting data, etc. Transferred data into SQL Server for further data manipulation and aggregation.
- Imported cleaned data set into Tableau where I compiled an interactive and visually appealing dashboard to explore the data in greater depth.

SKILLS & CERTIFICATIONS

Programming Languages: Java, Python, SQL, and R

Skills: Data Visualization, Data Cleaning, Data Modeling, Statistical Data Analysis, Data Wrangling

Tools: PowerBI, Power Apps, Power Automate, Tableau, Excel, Eclipse, Visual Studio Code, Microsoft SQL Server, Jupyter Notebook, Anaconda, pgAdmin

Certifications: Data Science In Python (DataCamp), The Complete SQL Bootcamp (Udemy), Data Analytics and Visualization VE (Accenture), Microsoft Excel: From Beginner to Advanced (Udemy)